

HIGH PERFORMANCE NETWORK COMMUNICATION  
DEVICE AND METHOD

ABSTRACT

A network communication device for bi-directional communication networks is provided having a first portion and a second portion. The first portion is connectable to a first point and a second point on the bi-directional communication network. Similarly, the second portion is connectable to the first and second points. The first portion manages collisions among a first set of messages transmittable from the first point to the second point. However, the second portion transmits free of collision management a second set of messages transmittable from the second point to the first point.